

Product datasheet for **MR230597**

Zfp939 (NM_001243021) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp939 (NM_001243021) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp939
Synonyms:	9430025M13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230597 representing NM_001243021
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTTCCGTGTCATTTGAGGACATTGCTGTGGACTTCTCTGGGACGAATGGCAGCATCTGGATGTGG
 CTCAGAGGACTCTCTACAGGGACGTGATGCTGGAGAACTACAGCAGTCTCCTGTTCTTGGGACATTGCAT
 GACCAAACCTGAGGTGATCTCCAGTTGGAGCATGGATTTGGGCCATGGCCTGTGGGAGACTCCTCTGTC
 CGCAGCTTTGAGGTATTCATAAAGTGACTACCTCTTTGACACCCACCAGGAAAATCACAAAGGGATATT
 TATGGCAAGTTGAAATCACCAACAGCCAGACTTCAAATGAGAAAATTAAGCAGACCTGAAAGTGGC
 ACAGAAGATCCAACAAGGGACAGCATCCTATGAAGATAAAGATGTTGTGAAGGCATTTATCCAGCAGTCA
 CAGCACACAAGGAGTGAGATGAGTTACTCATGTAAGAAAAGCATCCAATGTAAGTCGCCTCTCAGTAACT
 GTCAGAGGCTTCTTGTAGGAGACGCGGCACACACAGACAGCGCAGGAAGTCACACCTGACTGAACA
 GAGAAGTCACGAAGGGGAGAAGCCATGTGAAAGCTCAGGACGTGGGAAAGCTTCCACACCAAGCCTCAG
 CGTCAGGCCACTCATAGCGATGAGAAGCCCTACAAATGTCTAGAATGTGGGAAAATTTTCTACTACAAGT
 CACAAGTCATTGAGCATCAAAGAAGTCATACAGGCGAGAAGCCTTATGAGTGTACAGAATGTGGGAAATC
 TTTGAGCTATAAATCCCATCTCACTATACATCACAGAAGTCACACAGGTGAGAAGCGTCATGAATGTACA
 GAATGTAGAAAAGTATTTTACTATAAGTCCCAACTTACTCGACACCAGAGGAGTCATACAGGGGAGAAGC
 CCTATGAATGTATGAAATGTGGAAAATCTTTCTACTGTAACACACATCTTTCTTTCAGCCAGCGAATTCA
 TGTAATGTGAAACCCTATGCATGTACAGAATGCGGGAAAACGTTCTCTTTCAGCGCATGCCTCACTAGA
 CACCAGAGGATTCATACAAATGAAAAGCCCTATAAATGTTACATTGCCCAAAGCTTTTACTTTAAGA
 AACCACTTACTCATGAGAAAACCTCATGCTACAGAGAAGCGCTTGAATGTAACACAGTGGTAAAGC
 ATTTTACTGGAGGCCAACCTTACTGTGCATCAGAAAACACATGGTGGGAGAAGCCCTTTGAATGTAAA
 CAATGTGAAAAGCATTCTTACTGCAAGTCCCACCTCACTGTGCATCAGAGAACTCATATAAGTAAAAGC
 TCTATCAATGTTACAGTGCAGGAAAGCATTCTACTCTCAGACACAGCTTACTGTTATCAGAGAATTCA
 CACTGATGAGAAGCCCTATGGATGTAAGCAATGTGACAAAACATTCTACAGCAAGTCTGGGCTTACTGCA
 CATCAGAAAACCTCACACGGGCGAGAAGCCCTATGAATGTAAGAGTGTGGGAAAGCATTCTATAACAAGT
 ACTTGCTCATTGAACATCACAGAGTGCACACAGGTGAAAAGCCCTATCAATGTACAGAATGCAAGAAAGC
 CTTCTACTGCAAAAAATATCTTTCTCTACATCAGAAAACCTCATGCAAGTGAAGTCAATTCATTGTGCA
 GAGTGTGGGAAAGCTTTCTCCTGGATGTACACCTCACTCAGCATCAGAGAATTCACACAGGGGCAACTG
 CAAGGGCCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230597 representing NM_001243021
 Red=Cloning site Green=Tags(s)

MGSVSFEDIADVDFSWDEWQHLDVAQRTL YRDVMLENYSSLLFLGHCMTKPEVIFQLEHGF PWPVGDSSV
 RSFAGIHKVTTSFDTHQENHKGYLWQVEITNSQTSNEKI TEADLKVAQKIQQGTASYEDKDVVKAFIQQS
 QHTRSEMSYSCKKSIQCKSPLSNCQRLLESETRHTRRQRKSHL TEQRSHEGEKPCLESSGRGKASHTKPQ
 RQATHSDEKPYKCLECGKYFYKQVIEHQRSHTGEKPYECTECGKSF SYKSHLTIHRSHTGEKRHECT
 ECRKVFYKSQLTRHRSHTGEKPYECMKCGKSFYCNTHLSLHQRIHVNVKPYACTECGKTF SFSACLTR
 HQRIHTNEKPYKCSHCPKAFYFKKQLTHHEKTHATEKRFECKQCGKAFYWRANLTVHQKTHGGEKPFECK
 QCGKAFYCKSHLTVHQRTHISEKLYQCSQCRKAFYSQTQLTVHQRIHTDEKPYGCKQCDKTFYSKSLTA
 HQKTHTEKPYECKECGKAFYKYLIEHHRVHTGEKPYQCTECKKAFYCKYLSLHQKTHASEKSFHCA
 ECGKAFSWSHLTQHRIHTGATARAS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001243021

ORF Size: 1761 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001243021.1](#), [NP_001229950.1](#)

RefSeq Size: 1980 bp

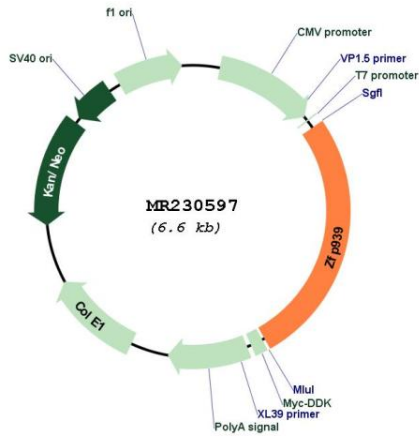
RefSeq ORF: 1764 bp

Locus ID: 233147

Cytogenetics: 7 B3

MW: 69 kDa

Product images:



Circular map for MR230597